AMENDMENT TO H.R. 3130

OFFERED BY MR. BAIRD

At the end of the bill, add the following new section:

SEC. 12. ADVANCED TECHNOLOGICAL EDUCATION PROGRAM.

(a) CORE SCIENCE AND MATHEMATICS COURSES.—Section 3(a) of the Scientific and Advanced-Technology Act of 1992 (42 U.S.C. 1862i(a)) is amended—

(1) by inserting ", and to improve the quality of their core education courses in science and mathematics" after "education in advanced-technology fields";

(2) in paragraph (1) by inserting "and in core science and mathematics courses" after "advanced-technology fields"; and

(3) in paragraph (2) by striking "in advanced-technology fields" and inserting "who provide instruction in science, mathematics, and advanced-technology fields".

(b) ARTICULATION PARTNERSHIPS.—Section 3(c)(1)(B) of the Scientific and Advanced-Technology Act of 1992 (42 U.S.C. 1862i(c)(1)(B)) is amended—

(1) by striking "and" at the end of clause (i);

(2) by striking the period at the end of clause (ii) and inserting a semicolon; and

(3) by adding after clause (ii) the following new clauses:

''(iii) provide students with research experiences at bachelor-degree-granting institutions participating in the partnership, including stipend support for students participating in summer programs; and

''(iv) provide faculty mentors for students participating in activities under clause (iii), including summer salary support for faculty mentors.''.

(c) ADVANCED TECHNOLOGICAL EDUCATION ADVISORY COMMITTEE.—

(1) ESTABLISHMENT.—The Director shall establish an advisory committee on science, mathematics, and technology education at community colleges consisting of non-Federal members, including representatives from academia and industry. The advisory committee shall review, and provide the Director with an assessment of, activities carried out under the Advanced Technological Education Program (in this section referred to as the ''Program''), including—

(A) conformity of the Program to the requirements of the Scientific and Advanced-Technology Act of 1992;

(B) the effectiveness of activities supported under the Program in strengthening the scientific and technical education and training capabilities of community colleges;

(C) the effectiveness of the National Science Foundation and institutions receiving awards under the Program in disseminating information to other community colleges about activities carried out under the Program and about model curricula and teaching methods developed under the Program;

(D) the balance of resources allocated under the Program for support of national centers of excellence, individual institution grants, and articulation partnerships; and

(E) other issues identified by the Director.

The advisory committee shall make recommendations to the Director for improvements to the Program based on its reviews and assessments.

(2) ADVISORY COMMITTEE REPORTS.—The advisory committee established under paragraph (1) shall report annually to the Director and to Con-

gress on the findings and recommendations resulting from the reviews and assessments conducted in accordance with paragraph (1).

(3) DURATION.—Section 14 of the Federal Advisory Committee Act shall not apply to the advisory committee established under this subsection.

(d) NATIONAL SCIENCE FOUNDATION REPORT.—Within 6 months after the date of the enactment of this Act, the Director shall transmit a report to Congress on—

(1) efforts by the National Science Foundation and awardees under the Program to disseminate information about the results of projects;

(2) the effectiveness of national centers of scientific and technical education established under section 3(b) of the Scientific and Advanced-Technology Act of 1992 in serving as national and regional clearinghouses of information and models for best practices in undergraduate science, mathematics, and technology education; and

(3) efforts to satisfy the requirement of section 3(f)(4) of the Scientific and Advanced-Technology Act of 1992.

(e) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to the National Science Foundation—

(1) for activities to improve core science and mathematics education in accordance with section 3(a) of the Scientific and Advanced-Technology Act of 1992 (42 U.S.C. 1862i(a)), as amended by subsection (a) of this section, $5,000,000 for each of fiscal years 2003 through 2007;

(2) for acquisition of instrumentation in accordance with section 3(a)(4) of the Scientific and Advanced-Technology Act of 1992—

(A) $3,000,000 for fiscal year 2003;

(B) $3,500,000 for fiscal year 2004;

(C) $4,000,000 for fiscal year 2005;

(D) $4,500,000 for fiscal year 2006; and

(E) $5,000,000 for fiscal year 2007; and

(3) for support for research experiences for undergraduate students in accordance with section 3(c)(1)(B) of the Scientific and Advanced-Technology Act of 1992 (42 U.S.C. 1862i(c)(1)(B)), as amended by subsection (b) of this section, $750,000 for each of fiscal years 2003 through 2007.